

COURIER

ECMA-28505

Chief of Station, Germany

30 August 1957

Chief of Base, Munich

INFO: KUDOV/D

Operational/RE J. REEDWOOD

ABCAPELIN-1's Knowledge re Codes and Ciphers

REFERENCES: A. ECMA-27255, 10 June 1957  
B. ECMA-90555, 3 July 1957

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Date	6 MAY 1963

1. The following data was obtained from ABCAPELIN-1 in response to the questions found in Reference B concerning information reported in Reference A.

a. The expression, "broke the code", is a translation by the undersigned of the French term used by ABCAPELIN-1, dechiffrer, i.e., to decipher. He claims that the Abwehr used the Germanisation of this word, dechiffrieren. (The word used by ABCAPELIN-1 and the Abwehr for "cipher" is chiffrier, the Germanisation being chiffrieren.)

b. In using this term, ABCAPELIN-1 means that it is a technique of analysis used by a special Abwehr section (of wireless intelligence) to initially break the system. He also means that the product was used continuously in the (double) agent's cryptographic system.

c. In Annex A of Reference A, the simple substitution of numbers 1 through infinity could be used for plain text equivalents. It depended on the intelligence and retentive powers of the individual agent whether or not he were assigned 1-40 or more numbers. For instance, 41-47 could have been codes for the days of the week and 48-59 could have been the days of the year, etc.

d. The substitution system in Annex B of Reference A is considered by ABCAPELIN-1 to be one for an agent of low intelligence. ABCAPELIN-1 worked with no agents who had systems other than those of the nature described in Reference A and therefore cannot describe a system designed for an agent of higher ability.

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2. Relative to Paragraph 14, above, however, ALCAPHEM-1 assesses the Subject of NSA-22399, dated 1 August 1956, to be former Abwehr agents of superior ability and who undoubtedly could provide data on an RIB code used during World War II which was designed for a higher calibre agent.

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		SECRET CRYPTONYM ABCAPELIN-1	EVALUATION
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<p>2. ADDITIONAL INFO ABHARPIST PROVIDED....</p> <p>A. ...</p> <p>B. ...</p> <p>C. ...</p> <p>D. SUBJ ERI'S INCLUDED SEARCH..... RE ABCAPELIN-1. SUBJ WARNED THAT AS HIS AGENT ABCAPELIN-1 CHECKING ON HIM.</p>			
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